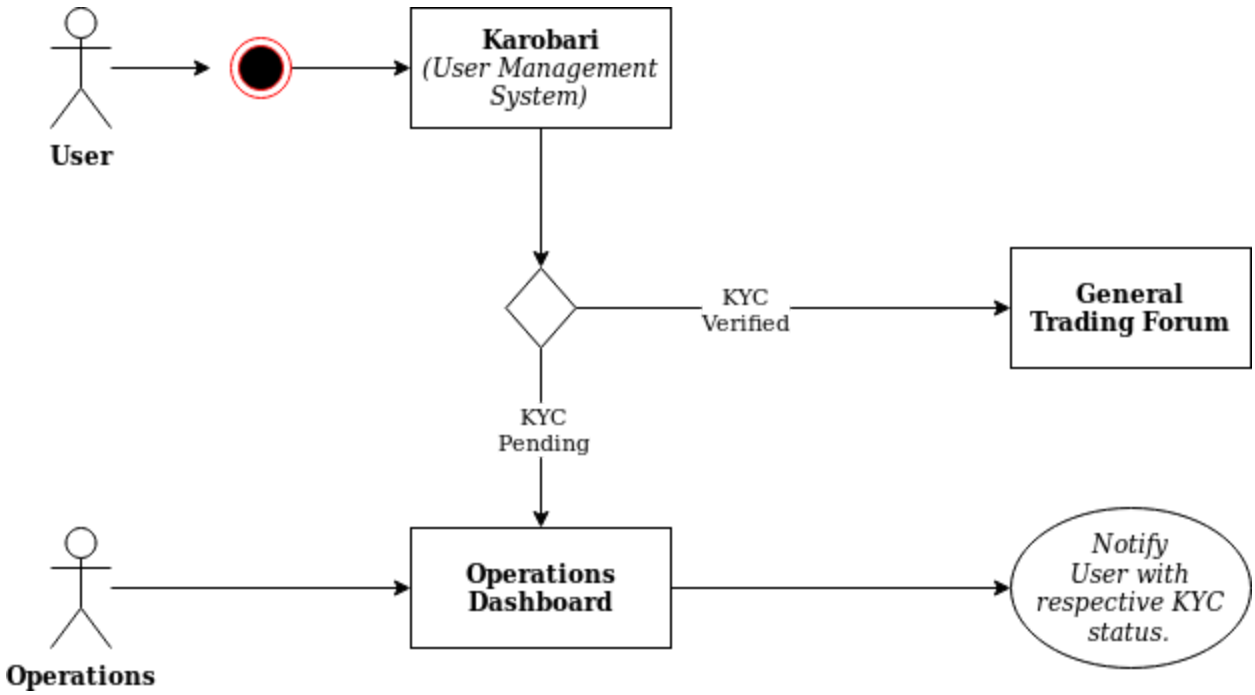
KAROBARI

Karobari is an online trading platform for any verified User can trade with other(s). To read more about the product and its business plan, refer to the Application Concept document.

High-level architecture overview

Karobari has a microservices based architecture, where various features are segregated into several smaller services. Core services in the architecture are as follows:

- User Management System: *Platform to manage User(s) and store all their data. Employees' dashboard is also a part of it, where KYC details and other Operational activities need to be done.*
- General Trading Forum: *Platform to be used by Enduser(s) to manage their Trade posts.*



Karobari architecture overview

Technical Overview

As per UML diagram mentioned above Karobari consists of various Platforms, hence each one has been planned to be built with appropriate technical stack.

- User Management System:
  - Python
  - Django
  - PostgreSQL

- General Trading Forum:
    - Python
    - Flask
    - MongoDB
- Client Side Application:
    - Web Application:
        - Vue.js
    - Mobile Application:
        - React Native

Development Life Cycle

At Karobari we are using Iterative model to develop the complete solution, each planned iteration represented below:

Iteration	Start Date	End Date	Enhancements	Features
Iteration #1			Develop User Management System with bare minimum features	Login and Signup
			Develop Client Side Web app which enables User onboarding	
Iteration #2			Develop General Trading Forum backend with bare minimum features	Create, Edit and Delete Trade posts
			Develop Client side Web app which enables User(s) to manage Trade posts	
Iteration #3			Enhance User management System	Working Operations Dashboard
				User Notifications
			Develop Mobile app and integrate with Web app built so far using Web view	Port Web app to Mobile app

Planned Development Life Cycle